



Stephens City Newsletter

VOLUME 30, ISSUE 4

JULY AND AUGUST 2011

SPECIAL POINTS OF INTEREST

- **Message about Water Quality Report—Page 1**
- **Yard Sale Permit Information - Page 2**
- **Building and Zoning Permits- Page 2**
- **Ruritans Car and Tractor Show—Page 6**

INSIDE THIS ISSUE:

Newtown Heritage Festival Thank You Message	1
Yard Crawl 2011	1
Valley Cruisers—Cruise In	2
Annual Water Quality Report	3
Town Calendar	6
Newtown Farmers Market	6

Stephens City Newsletter is proud to enter its 30th year of publication. Throughout the year we will highlight the significance of this Town Newsletter. The Town Newsletter is published by the Town Government of Stephens City for its citizens, to inform, to apprise, and to clarify the issues and undertakings before the Town Government. Citizen feedback is encouraged. Contact the Town Office at 1033 Locust Street weekdays between the hours of 8:30a.m. and 5:00 p.m. or by mail: P.O. Box 250, Stephens City, VA 22655

Phone: 869-3087 **Fax:** 869-6166 **Police:** 868-1012 **Website:** www.stephenscity.vi.virginia.gov

Shenandoah County “Route 11 Yard Crawl”

*August 13, 2011
7:00 am until*

Clean out your attics, your closets and your basements! Have a sidewalk sale! Call your civic organizations and plan the day as a fund raiser!



**Our 7th Annual
Event along scenic Route 11,
the “Old Valley Pike.” NOW
43 MILES AND NINE
TOWNS!**

**For more information contact the Town
Office at 540-869-3087 or the website
at www.stephenscity.vi.virginia.gov**

In accordance with the Virginia

Department of Health, the Town is required to print and provide the Annual Water Quality Report. The annual water quality report is on pages 3-5. Should you have any questions or would like a hard copy of the Water Quality Report, please contact me as soon as possible.

Michael K. Kehoe

Town Manager



Newtown Heritage Festival Thank You!

The following businesses, organizations, and individuals greatly helped to make the 2011 Newtown Heritage Festival a success this year. We wish to express our sincere appreciation to all for their contributions which allows the festival to continue to be a premier community event from year to year.

Continued on Page 2

YARD SALE PERMITS

This is a reminder that you are required to obtain a Yard Sale permit prior to holding a Yard Sale within the Town.

A permit is free and each resident is allowed up to two (2) yard sales in a calendar year and providing each sale does not last longer than three (3) consecutive days.

If you have any questions, please contact the Town Office.



If you plan on doing any construction within the Town of Stephens City, please contact the Town Office first, prior to obtaining a Building Permit.

You will need to obtain a Town Zoning Permit prior to obtaining a Building Permit with Frederick County. Contact the Town Office with questions.

Continued from Page 1

Special thanks to **Bowman Shoemaker Companies and the Hollis Family Trust** for the grand fireworks display. Also thanks goes out to **Woodgate Petroleum, Jim Stutzman Chevrolet-Cadillac, Winchester Law Group, Boyer Landscapes Inc., Gores Custom Slaughtering and Processing, Enders & Shirley Funeral Home, Capon Valley Bank, Bank of Clarke Co., Virginia Savings Bank, Animal Medical Center, Sandy Pallet Co., First Bank, Red Apple Deli, Virginia Eagle Beverages, Gregory's Inc., United Bank, Stowe Engineering, Fraternal Order of Police Lodge No. 12, Walgreens, Stephens City Family Dentistry, Dr. Thomas Gromling, Newtown Emporium, Newtown Veterinary Clinic, Stephens City Animal Hospital, Robert Mowery, CPA, BB&T Bank** for contributions.

Special thanks for the donation of time and services from **Graphics North Signs, Dudley Rinker, Clem's Garage, Commercial Press, Carlyle and Anderson Inc.,** and the following Police Department and agencies: **Haines Agency, Strasburg, Middletown, City of Winchester, Haymarket, Frederick County and Virginia State Police**

Sincerely,
Newtown Heritage Festival Committee

Valley Cruisers of Winchester Presents 2011 Cruise-In



**Saturday, July 16, 2011
9:00am-3:00pm**

**Newtown Commons
Stephens City, Virginia
(US Route 11- Across from Clem's Garage)
Registration 9:00am-12:00- Free**

**1st 100 registered cars will also receive a 2011
Dash Plaque.**

**For More Information call:
Fred (540)465-8360 or Butch (540)-869-5166**

**www.valleycruisersofwinchester.com
www.capitalcruisin.com**

Water and Sewer Billing

Water and sewer bills for the bi-monthly billing end **Wednesday, August 3, 2011** and are due upon receipt.

After **August 3, 2011** a **10% penalty** will be added. On **Wednesday, August 10, 2011** service will be discontinued for delinquency. A reconnect fee of **\$25** plus the full amount of the bill must be paid before service can be restored.

Just a reminder that for your convenience a night drop is available at the Town Office for dropping off check or money order payments and payments can now be made online at the

Town's website. Water/Sewer bills can be paid using a Visa or MasterCard. If you pay a bill online after the due date, you will still be responsible for the 10% penalty and if the bill is paid after the shut off date, the \$25 reconnect fee will need to be paid as well, prior to reconnection.

**DO NOT PUT CASH IN THE
DROP BOX!**

Annual Drinking Water Quality Report

Town of Stephens City

INTRODUCTION

This Annual Drinking Water Quality Report for calendar year 2010 is designed to provide you with valuable information about your drinking water quality. We are committed to providing you with a safe and dependable supply of drinking water, and we want you to understand the efforts we make to protect your water supply. The quality of your drinking water meets all state and federal requirements administered by the Virginia Department of Health (VDH).

If you have questions about this report, want additional information about any aspect of your drinking water, or want to know how to participate in decisions that may affect the quality of your drinking water, please contact:

Mr. Michael Kehoe, Town Manager at 540-869-3087

You can obtain additional information by attending Town Council meetings held at 7:30 p.m. the first Tuesday of each month in the Town Council Chambers.

GENERAL INFORMATION

As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and can pick up substances resulting from the presence of animals or from human activity. Substances (referred to as contaminants) in source water may come from septic systems, discharges from domestic or industrial wastewater treatment facilities, agricultural and farming activities, urban storm water runoff, residential uses, and many other types of activities. Water from surface sources is treated to make it drinkable while groundwater may or may not have any treatment.

All drinking water, including bottled drinking water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

SOURCES AND TREATMENT OF YOUR DRINKING WATER

Your drinking water is surface water purchased from the Frederick County Sanitation Authority (FCSA) and obtained from the quarries located on the west side Stephens City. Water is distributed to the Town from master meter connections to the FCSA system through various sized distribution pipes. Storage for the Town is provided by the FCSA.

All water supplied to the Town undergoes treatment. This treatment is accomplished at the James H. Diehl Water Treatment Plant and the James T. Anderson Water Treatment Plant. The water is treated prior to entering the distribution system and consists of chemical addition, flocculation, sedimentation and filtration to remove

turbidity, chlorination to disinfect the water and fluoridation to aid in reducing tooth decay.

SOURCE WATER ASSESSMENT

A source water assessment for the Frederick County Service Authority was completed by the Virginia Department of Health (VDH) on 10 April 2002. This assessment determined that the Authority's Stephens City water source may be susceptible to contamination because it is surface water exposed to a wide array of contaminants at varying concentrations. Changing hydrologic, hydraulic and atmospheric conditions promote migration of contaminants from land use activities of concern within the assessment area. More specific information may be obtained by the Frederick County Sanitation Authority at 540-868-1061.

QUALITY OF YOUR DRINKING WATER

Your drinking water is routinely monitored according to Federal and State Regulations for a variety of contaminants. The table on the next page shows the results of our monitoring for the period of January 1, 2010 to December 31, 2010.

Most of the results in the table are from testing done in 2010. However, the state allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though accurate, is more than one year old.

DEFINITIONS

In the table and elsewhere in this report you will find many terms and abbreviations you might not be familiar with. The following definitions are provided to help you better understand these terms:

Non-detects (ND) - lab analysis indicates that the contaminant is not present

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Parts per trillion (ppt) or Nanograms per liter (nanograms/l) - one part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000.

Picocuries per liter (pCi/L) - Picocuries per liter is a measure of the radioactivity in water.

Nephelometric Turbidity Unit (NTU) - nephelometric turbidity unit is a measure of the clarity of water.

Turbidity in excess of 5 NTU is just noticeable to the average person.

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level, or MCL - the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal, or MCLG - the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Disinfection Byproduct Contaminants

Contaminant	MCLG	MCL	Level Found	Unit Measurement	Violation	Date of Sample	Typical Source of Contamination
Total Trihalomethanes (TTHM) Town of Stephens City	0	80	-- 20.50 (avg.) Range 16 – 25	ppb	-- NO	-- 06/10	By-product of drinking water chlorination
Frederick County Sanitation Authority			20.10 (avg.) Range 10 - 50		NO	07/10	
Halacetic Acid (HAA5) Town of Stephens City	0	60	-- 14.75 (avg.) Range 12 - 21	ppb	-- NO	-- 09/10	By-product of drinking water chlorination
Frederick County Sanitation Authority			12.84 (avg.) Range 6.8 - 24		NO	07/10	

Lead and Copper (Most Recent Monitoring Period – Stephens City September 2008/FCSA June 2009)

Contaminant	MCLG	MCL	Level Found	Unit Measurement	AL Exceeded	Samples > AL	Typical Source of Contamination
Lead Town of Stephens City	0	AL = 15	-- <2 4.27	ppb	-- NO NO	-- 0 1	Corrosion of household plumbing systems; Erosion of natural deposits
Frederick County Sanitation Authority							
Copper Town of Stephens City	1.3	AL = 1.3	-- 0.025 0.176	mg/l	-- NO NO	-- 0 0	Corrosion of household plumbing systems; Erosion of natural deposits
Frederick County Sanitation Authority							

Lead Contaminants

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The Town of Stephens City is responsible for providing high quality drinking water, but cannot control the variety of materials used in the plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on the lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

Variances and exemptions - state or EPA permission not to meet an MCL or a treatment technique under certain conditions.

Entry Point (EP) - place where water from the source or sources after the application of any treatment is delivered to the distribution system.

WATER QUALITY RESULTS

We constantly monitor for various contaminants in the water supply to meet all regulatory requirements. The tables list only those contaminants that had some level of detection. Many other contaminants have been analyzed but were not present or were below the detection limits of the lab equipment.

Maximum Contaminant Levels (MCL's) are set at very stringent levels by the U.S. Environmental Protection Agency. In developing the standards EPA assumes that the average adult drinks 2 liters of water each day throughout a 70-year life span. EPA generally sets MCL's at levels that will result in no adverse health effects for some contaminants or a one-in-ten-thousand to one-in-a-million chance of having the described health effect for other contaminants.

REGULATED IN THE DISTRIBUTION SYSTEM:

Microbiological

Contaminant	MCLG	MCL	Level Found	Unit Measurement	Violation	Date of Sample	Typical Source of Contamination
Total Coliform Bacteria Town of Stephens City	0	-- Presence of Coliform bacteria in >1 sample per month	-- 0	Presence or Absence	-- No	Monthly	Naturally present in the environment
Frederick Co. Sanitary Authority		Presence of coliform bacteria in >5% of samples per month	0		No		

Disinfection Residual Contaminants

Contaminant	MCLG	MCL	Level Found	Unit Measurement	Violation	Date of Sample	Typical Source of Contamination
Chlorine Town of Stephens City	4	4	-- 2.21 (avg.) Range 2.0 - 2.4	mg/l	-- NO	-- Daily	Water additive used to control microbes
Frederick County Sanitation Authority			2.44 (avg.) Range 0.4 - 3.8		NO	Daily	

REGULATED AT THE WATER FILTRATION PLANTS:

Turbidity

Contaminant	MCLG	MCL	Highest Single Level Found	Unit Measurement	Lowest Monthly % <0.3 NTU	Violation	Date of Sample	Typical Source of Contamination
Turbidity James Diehl WTP James T. Anderson WTP	NA	TT	-- 0.19 0.10	NTU	100 100	NO NO	08/10 05/10	Soil Runoff

Total Organic Carbon

Contaminant	MCLG	MCL	Level Found	Unit Measurement	Violation	Date of Sample	Typical Source of Contamination
Total Organic Carbon (1) James Diehl WTP James T. Anderson WTP	NA	TT	-- 1.15 (avg.) Range 1.00 – 2.02 1.00 (avg.) Range 1.00 – 1.00	Ratio of Actual to Required Removals	-- NO NO	-- Monthly Monthly	Naturally Present in the environment

(1) Total Organic Carbon (TOC) has no health effects. However, total organic carbon provides a medium for the formation of disinfection by-products. These by-products include trihalomethanes (THM) and haloacetic acids (HAA5). Drinking water containing these byproducts in excess of the MCL may lead to adverse health effects, liver, or kidney problems, or nervous systems effects, and may lead to an increased risk of getting cancer.

Radiological Contaminants

Contaminant	MCLG	MCL	Level Found	Unit Measurement	Violation	Date of Sample	Typical Source of Contamination
Gross Alpha James Diehl WTP James T. Anderson WTP	0	15	-- 1.9 0.8	pCi/l	-- NO NO	-- 07/08 04/07	Erosion of natural deposits
Beta Emitters James Diehl WTP James T. Anderson WTP	0	50	-- 3.1 2.7	pCi/l	-- NO NO	-- 07/08 04/07	Decay of natural or man made deposits
Combined Radium James Diehl WTP James T. Anderson WTP	0	5	-- 2.1 1.6	pCi/l	-- NO NO	-- 07/08 04/07	Erosion of natural deposits

Inorganic Contaminants

Contaminant	MCLG	MCL	Highest Level Found	Unit Measurement	Violation	Date of Sample	Typical Source of Contamination
Barium James Diehl WTP James Anderson WTP	2	2	-- 0.047 0.063	mg/l	-- NO NO	-- 07/10 07/10	Runoff from fertilizer use, leaching from septic tanks, sewage, Erosion of natural deposits
Nitrate James Diehl WTP James Anderson WTP	10	10	-- 1.53 2.86	mg/l	-- NO NO	-- 10/10 07/10	Runoff from fertilizer use, leaching from septic tanks, sewage, Erosion of natural deposits
Fluoride James Diehl WTP James Anderson WTP	4	4	-- 1.15 (Avg.) Range 0.23 – 1.44 1.06 (Avg.) Range 0.25 – 1.30	mg/l	-- NO NO	-- 12/10 11/10	Erosion of natural deposits; Discharge from fertilizer and aluminum factories; Water additive which promotes strong teeth

VIOLATION INFORMATION

We were in full compliance with all water quality, monitoring and reporting requirements and no violations occurred during the calendar year 2010.

The waterworks owners prepared this Drinking Water Quality Report with the assistance and approval of the Virginia Department of Health (VDH). Please call if you have questions.

Signature: *Michael Schoe*Date: *6/24/2011*

Town Calendar of Events

JULY

July	4	Happy 4th of July TOWN OFFICE CLOSED
July	5	Town Council Meeting at 7:30pm
July	12	Personnel Committee at 5:00pm
July	16	Valley Cruisers Car Show— Newtown Commons
July	19	HPC meeting at 7:30p.m.
July	21	Water/ Sewer Committee at 5:30 p.m. Public Works Committee at 6:00 p.m.
July	25	Parks and Recreation Committee - 5:00p.m.
July	26	Planning Commission at 7:30p.m.
July	28	Finance Committee at 5:00p.m.

** All meetings subject to change without notice w/ the exception of the Town Council meeting.*



AUGUST

August 2	Town Council— 7:30 p.m.
August 3	Water/ Sewer Bills Due without penalty Penalties added to Water/Sewer Bills
August 6	Ruritans Car Show—Newtown Commons
August 9	Personnel Committee at 5:00 pm
August 10	Water/ Sewer Shut off Date
August 16	HPC meeting at 7:30p.m.
August 18	Water/ Sewer Committee at 5:30 p.m.. Public Works Committee at 6:00 p.m. Newtown Heritage Festival at 7:30pm
August 22	Parks & Recreation Committee— 5:00p.m.
August 24	Finance Committee at 5:00p.m.
August 30	Planning Commission at 7:30p.m.



NEWTOWN LOCAL MARKET

The Newtown Local Market is up and running again this year. Visit us at the corner of Fairfax St. and Main Street in the Trinity Lutheran Church Parking Lot every Saturday from 8 am until 11 am from now until October. Featured vendors have locally grown produce, farm fresh eggs, jams and jellies, plants, hand crafted items, baked goods, and so much more!! See you Saturday!!!



Car Show
Shawquon Ruritan
4th Annual
Car, Truck, & Tractor Show
NEWTOWN COMMONS
(Across from Clems Garage)



SATURDAY, AUGUST 6, 2011
9:00am—2:00pm

Registration 9:00am—11:00am
(Rain date Sunday, August 7, 11:00am - 4:00pm)

Entry Fee: Free with donation.
Awards: Best in Class, Best in Show and Top 20 Participants Pick
Dash Plaques— First 100 Vehicles.

All Proceeds go to College Scholarships

MUSIC BY THE VALLEY CRUISERS

Also , Kids completed Model
Car Contest. Ages 6-10 &
11-15. prizes awarded.

For more info call 540-662-7349 or
e-mail pamshiley@embarqmail.com